

Activity:	5.4 Design System Interfaces
Responsibility:	Project Team Analysts
Description:	<p>Develop a design depicting how the software product will interface with other systems based on the system interface requirements identified in the Requirements Definition Stage. Submit the applicable interface designs for review by the system owner or system administrator for each system that will interface with the software product. Any incompatibilities with the interfaces will be identified early in the design process and corrective actions can be initiated to assure each interface is properly designed and coded.</p>
Sample Issues:	<p>The following list provides some of the issues that should be considered when designing the system interfaces.</p> <ul style="list-style-type: none">• System inputs and outputs• Method of interface• Volume and frequency of data• Platform of interfacing system• Format of data• Automatic or manual initiation of interface• Need for polling device(s)• Verification of data exchange• Validation of data
Work Product:	<p>Document the design(s) for the system interfaces in accordance with the project design standards. Discuss the designs with the system owner and users and submit completed designs for their review and approval. The approved designs will be incorporated into the Functional Design Document. Place a copy of the system interface designs in the Project File.</p>
Review Process:	<p>Schedule a structured walkthrough to verify that the system interface designs are correct and complete.</p>